

PTO-1449  Information Disclosure Citation In an Application	Application No. <i>10/811,118</i> <b>To be Assigned</b>	Applicant(s) <b>Zupanick</b>	
	Docket Number <b>067083.0300</b>	Group Art Unit <b>To be Assigned</b> <i>3672</i>	Filing Date <b>March 25, 2004</b>

## U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>A</i>	A	6,279,670	08/28/2001	Eddison et al.			
<i>B</i>	B	6,289,596	09/18/2001	Anderson et al.			
<i>C</i>	C	6,321,857	11/27/2001	Eddison			
<i>D</i>	D	6,431,294	08/13/2002	Eddison et al.			
<i>E</i>	E	6,439,318	08/27/2002	Eddison et al.			
<i>F</i>	F	6,508,317	01/21/2003	Eddison et al.			
<i>G</i>	G	6,588,518	07/08/2003	Eddison			
<i>H</i>	H	6,615,933	09/09/2003	Eddison			
<i>I</i>	I	2002/0050359 A1	05/022/2002	Eddison			
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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	P							
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		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.


U.S. PATENT AND TRADEMARK OFFICE

2/1/05

Substituted Form PTO-1449 (Modified) <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>17601-063001</b>	Application No. <b>10/811,118</b>
		Applicant <b>Joseph A. Zupanick</b>	
		Filing Date <b>March 25, 2004</b>	Group Art Unit <b>3672</b>

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
7	A1	6,241,032 B1	06/05/2001	Falgout, Sr.			
	A2	6,082,457	07/04/2000	Best et al.			
1	A3	5,787,981	08/04/1998	Taylor			
	A4	5,775,444	07/07/1998	Falgout, Sr.			
	A5	5,673,764	10/07/1997	Falgout, Sr.			
	A6	5,526,888	06/18/1996	Gazewood			
	A7	5,484,029	01/16/1996	Eddison			
	A8	5,322,136	06/21/1994	Bui et al.			
	A9	5,190,114	03/02/1993	Walter			
	A10	5,137,087	08/11/1992	Szarka et al.			
	A11	5,127,482	07/07/1992	Rector, Jr.			
	A12	5,009,272	04/23/1991	Walter			
	A13	4,979,577	12/25/1990	Walter			
	A14	4,830,122	05/16/1989	Walter			
	A15	4,819,745	04/11/1989	Walter			
	A16	4,813,497	03/21/1989	Wenzel			
	A17	4,295,535	10/20/1981	Crane et al.			
	A18	4,058,192	11/15/1977	Haigh			
	A19	3,912,023	10/14/1975	Amtsberg			
	A20	3,553,980	01/12/1971	R.E. Dickinson et al.			
7	A21	3,552,492	01/05/1971	Mullins			
	A22	2,624,549	01/06/1953	O.G. Wallace			
	A23	1,660,033	02/21/1928	A.P. Braswell			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	B1						

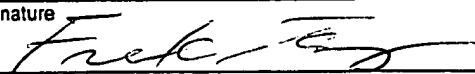
Examiner Signature 	Date Considered <b>2/28/06</b>
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Sheet 2 of 2

<b>Substitute Form PTO-1449</b> (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Attorney's Docket No.</b> 17601-063001	<b>Application No.</b> 10/811,118
	<b>Applicant</b> Joseph A. Zupanick			
	<b>Filing Date</b> March 25, 2004		<b>Group Art Unit</b> 3672	

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
<b>Examiner Initial</b>	<b>Desig. ID</b>	<b>Document</b>
	C1	

<b>Examiner Signature</b> 	<b>Date Considered</b> 2/28/06
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Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

Application No.

17601-063001

10/811,118

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

Joseph A. Zupanick

Filing Date

March 25, 2004

Group Art Unit

3672

(37 CFR 5.018(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>7/1</i>	A1	2001/0052428 A1	12/20/2001	Larronde et al.			
<i>7/1</i>	A2	2003/0127857 A1	07/10/2003	Boyd et al.			
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>7/1</i>	B1	GB 2 381 806 A	05/14/2003	Great Britain			N/A	
<i>7/1</i>	B2	WO 98/38410	09/03/1998	WIPO			N/A	
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	B4							
	B5							

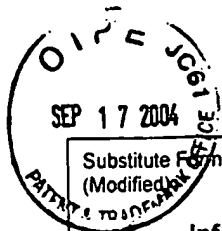
**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>7/1</i>	C1	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (4 pages), and Written Opinion of the International Searching Authority (5 pages) for International Application No. PCT/US2005/008774 mailed June 10, 2005
	C2	
	C3	
	C4	

Examiner Signature

Date Considered

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A	A1	6,279,670	08/28/2001	Eddison et al.			
	A2						
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	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						

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							Yes	No
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	B2							
	B3							
	B4							
	B5							

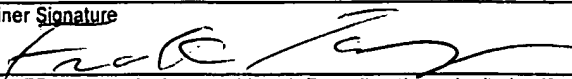
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
A	C1	Maidla, E., et al., "Understanding Torque: The Key to Slide-Drilling Directional Wells," IADC/SPE 87162, Society of Petroleum Engineers, 7 pages, March 2-4, 2004
	C2	
	C3	
	C4	

<b>Examiner Signature</b> <i>Frac IS</i>	<b>Date Considered</b> <i>2/20/06</i>
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
7	A1	5,782,310	07/21/1998	Lange			
	A2	5,649,603	07/22/1997	Simpson et al.			
	A3	5,522,467	06/04/1996	Stevens et al.			
	A4	5,377,761	01/03/1995	Kosar et al.			
	A5	5,050,692	09/24/1991	Beimgraben			
	A6	5,042,600	08/27/1991	Finnegan et al.			
	A7	5,040,622	08/20/1991	Winship et al.			
	A8	5,040,620	08/20/1991	Nunley			
	A9	4,958,692	09/25/1990	Anderson			
	A10	4,912,415	03/27/1990	Sorensen			
	A11	4,848,490	07/18/1989	Anderson			
	A12	4,811,800	03/14/1989	Hill et al.			
	A13	4,540,055	09/10/1985	Drummond et al.			
	A14	4,489,793	12/25/1984	Boren			
	A15	4,484,642	11/27/1984	Evans			
	A16	4,467,879	08/28/1984	Burge			
	A17	4,465,146	08/14/1984	Fitch			
	A18	4,460,202	07/17/1984	Chance et al.			
	A19	4,365,678	12/28/1982	Fitch			
	A20	4,061,197	12/06/1977	Skidmore, Jr.			
	A21	4,049,066	09/20/1977	Richey			
	A22	4,043,410	08/23/1977	Bennett et al.			
	A23	3,971,450	07/27/1976	Fox			
	A24	3,360,960	01/02/1968	Massey			
	A25	3,194,331	07/13/1965	Arnold			
	A26	3,085,639	04/16/1963	Fitch			

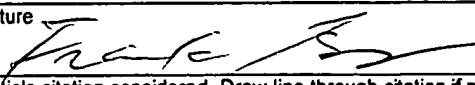
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